

000003

Site Name: River Lane Plating Facility **City:** Loves Park **Cnty:** unknown **State:** Il.

Site Status (1) - NPL ☒ Non-NPL - RCRA - Non-Site specific - Federal
(2) - Emergency Response - Remedial - Other

<input checked="" type="checkbox"/> Incoming Call	<input type="checkbox"/> Public Meeting*	<input type="checkbox"/> Health Consult*	<input type="checkbox"/> Site Visit*
<input type="checkbox"/> Outgoing Call	<input type="checkbox"/> Other Meeting	<input type="checkbox"/> Health Referral	<input type="checkbox"/> Info Provided
<input type="checkbox"/> Conference Call	<input type="checkbox"/> Data Review	<input type="checkbox"/> Written Response	<input type="checkbox"/> Training
<input type="checkbox"/> Incoming Mail	<input type="checkbox"/> Other		

Contacts and Affiliation

(1) Tom Basso () _____
() _____ () _____

1-EPA	2-USCG	3-OTHER FED	4-STATE ENV	5-STATE HLT
6-COUNTY HLTH	7-CITY HLTH	8-HOSPITAL	9-LAW ENFORCE	10-FIRE DEPT
11-POISON CTR	12-PRIV CITZ	13-OTHER	14-UNKNOWN	15-DOD
16-DOE	17-NOAA	18-OTHR STATE	19-OTHR COUNTY	20-OTHR CITY
21-INTL	22-CITZ GROUP	23-ELECT. OFF	24-PRIV. CO	25-NEWS MEDIA
26-ARMY	27-NAVY	28-AIR FORCE	29-DEF LOG AGCY	30-NRC
31-ATSDR				

Program Areas			
Health Assessment	Health Studies	Tox Info-profile	Worker Hlth
Petition Assessment	Health Surveillnc	Tox Info-Nonprofil	Admin
Emergency Response	Disease Registry	Subst-Spec Resch	Other
Health Consultation	Exposr Regstry	Health Education	

The plating facility is situated on 1/10 acre of land in an industrial park in Loves Park, Illinois. The site is fenced. The closest residences are about 1/2 mile away. The building was abandoned about 2 or 3 years ago after it was destroyed during a fire. There are several active industrial facilities operating in the industrial park.

Enclosures: Yes () No (X); MIS entered: Yes () No (X)

EPA Region 5 Records Ctr.



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The EPA reports that the groundwater is not used in the area, and therefore, no groundwater samples were taken. The EPA collected soil samples from a depth of 0 - 11 inches at various locations around and inside the abandoned building. No background samples were taken. The highest levels of contamination were found in soil beneath a broken concrete slab (1 foot in diameter) inside the former plating shop. The EPA has filled the broken concrete slab with cement. Cadmium was found at a level of 1,310 parts per million (ppm) and chromium at 1,950 ppm. Other soil contaminants found on-site around the abandoned building were not at levels of public health concern.

Action Required/Recommendations/Info Provided: Currently, it is unlikely that inhalation, oral, or dermal exposures will occur at this site. This is because maximum levels of soil contaminants were found in the abandoned building beneath a concrete slab at a depth from 0 - 11 inches, and because the property is fenced. Therefore, based on this information, the ATSDR concludes that there exists no threat to human health at the present time. However, since future uses of the abandoned building and property are unknown, one could assume that another company or plating facility may purchase it and use it for industrial purposes because it is located in an industrial park. Furthermore, it is not known whether the concrete slab will be removed in the future and whether chemical contamination will remain below the surface.

1. Re-evaluate the site if the cement is removed and contaminants become available for human exposure.

Signature: Robert L. Williams Ph.D. Date: 12-9-92

Concurrence: Kenneth G. Orloff Ph.D. Date: 12/2/92

cc:Louise Fabinski
Rimb

Enclosures: Yes () No (X); MIS entered: Yes () No (X)